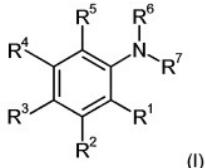


**Amendments to the Claims:**

Please amend the claims as follows:

What is claimed is:

1. (Currently Amended) A compound of formula (I):



including salts, solvates, and physiologically functional derivatives or a salt thereof, wherein R<sup>1</sup> is H, cyano, nitro, halogen, trifluoromethyl, or trifluoroethyl-C<sub>1</sub>-C<sub>6</sub> haloalkyl, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>2</sub>-C<sub>6</sub> alkenyl, C<sub>2</sub>-C<sub>6</sub> alkynyl, hydroxy, C<sub>1</sub>-C<sub>6</sub> alkoxy, C<sub>1</sub>-C<sub>6</sub> haloalkoxy, -OC(O)R<sup>8</sup>, or aryl; R<sup>2</sup> is H, cyano, nitro, halogen, trifluoromethyl, or trifluoroethyl-C<sub>1</sub>-C<sub>6</sub> haloalkyl, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>2</sub>-C<sub>6</sub> alkenyl, C<sub>2</sub>-C<sub>6</sub> alkynyl, hydroxy, C<sub>1</sub>-C<sub>6</sub> alkoxy, C<sub>1</sub>-C<sub>6</sub> haloalkoxy, -OC(O)R<sup>8</sup>, or aryl; R<sup>3</sup> is cyano, nitro, halogen, C<sub>1</sub>-C<sub>6</sub> haloalkyl, 3-10 membered heterocyclyl, hydroxy, C<sub>1</sub>-C<sub>6</sub> alkoxy, C<sub>1</sub>-C<sub>6</sub> haloalkoxy, -OC(O)R<sup>8</sup>, C(O)R<sup>8</sup>, CONHR<sup>8</sup>, -C(O)R<sup>8</sup>, -S(O)<sub>x</sub>R<sup>8</sup>, -SO<sub>2</sub>N(R<sup>8</sup>)<sub>2</sub>, -NHC(O)R<sup>8</sup>, or -NHSO<sub>2</sub>R<sup>8</sup>; R<sup>4</sup> is H, cyano, nitro, halogen, trifluoromethyl, or trifluoroethyl-C<sub>1</sub>-C<sub>6</sub> haloalkyl, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>2</sub>-C<sub>6</sub> alkenyl, C<sub>2</sub>-C<sub>6</sub> alkynyl, hydroxy, C<sub>1</sub>-C<sub>6</sub> alkoxy, C<sub>1</sub>-C<sub>6</sub> haloalkoxy, -OC(O)R<sup>8</sup>, or aryl; R<sup>5</sup> is H, cyano, nitro, halogen, trifluoromethyl, or trifluoroethyl-C<sub>1</sub>-C<sub>6</sub> haloalkyl, C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>2</sub>-C<sub>6</sub> alkenyl, C<sub>2</sub>-C<sub>6</sub> alkynyl, hydroxy, C<sub>1</sub>-C<sub>6</sub> alkoxy, C<sub>1</sub>-C<sub>6</sub> haloalkoxy, -OC(O)R<sup>8</sup>, or aryl; where at least one of R<sup>1</sup>, R<sup>2</sup>, R<sup>4</sup>, and R<sup>5</sup> is not H; each of R<sup>6</sup> and R<sup>7</sup> independently are selected from H or -(R<sup>8</sup>)<sub>x</sub>R<sup>9</sup>; R<sup>8</sup> is a C<sub>1</sub>-C<sub>8</sub> alkylene chain optionally substituted with one or more of C<sub>1</sub>-C<sub>3</sub> alkyl, C<sub>2</sub>-C<sub>3</sub> alkenyl, or hydroxyl, where x is 0 or 1; each R<sup>8</sup> independently is H[.], or C<sub>1</sub>-C<sub>6</sub> alkyl, C<sub>2</sub>-C<sub>6</sub> alkenyl, C<sub>2</sub>-C<sub>6</sub> alkynyl, C<sub>3</sub>-C<sub>6</sub> cycloalkyl, 3-10 membered heterocyclyl, aryl, aralkyl, heteroaryl, or heteroaralkyl; R<sup>9</sup> is ethyl, propyl, isopropyl, isobutyl, n-butyl, tert-butyl, isopentyl, n-pentyl, C<sub>1</sub>-C<sub>6</sub> alkyl, trifluoromethyl, trifluoroethyl-C<sub>1</sub>-C<sub>6</sub> haloalkyl, hydroxymethylene, hydroxyethylene, hydroxyalkyl, C<sub>2</sub>-C<sub>6</sub> alkenyl, C<sub>2</sub>-C<sub>6</sub> alkynyl, C<sub>1</sub>-C<sub>6</sub> alkoxy, C<sub>1</sub>-C<sub>6</sub> alkylthio, C<sub>1</sub>-C<sub>6</sub> haloalkoxy, C<sub>3</sub>-C<sub>6</sub> cycloalkyl, formyl, azido, or -NR<sup>10</sup>R<sup>11</sup>;

R<sup>10</sup> and R<sup>11</sup> each independently are H, C<sub>1</sub>-C<sub>6</sub> alkyl, -C(O)H, -C(O)R<sup>12</sup>, -C(O)OR<sup>12</sup>, or -SO<sub>2</sub>R<sup>12</sup>; and R<sup>12</sup> is C<sub>1</sub>-C<sub>6</sub> alkyl.

2. (Original) The compound of claim 1 wherein R<sup>1</sup>, R<sup>5</sup>, or both are H.
3. (Original) The compound of claim 1 wherein R<sup>2</sup>, R<sup>4</sup>, or both are H.
4. (Cancelled)
5. (Currently Amended) The compound of claim [[4]] 1 wherein at least one substituent selected from R<sup>8</sup>, R<sup>10</sup>, R<sup>11</sup>, and R<sup>12</sup> alkyl is C<sub>1</sub>-C<sub>3</sub> alkyl.
6. (Cancelled)
7. (Currently Amended) The compound of claim 1 wherein R<sup>9</sup> C<sub>4</sub>-C<sub>6</sub>alkoxy is C<sub>1</sub>-C<sub>2</sub> alkoxy.
- 8 – 10 (Cancelled)
11. (Currently Amended) The compound of claim 1 wherein alkenyl R<sup>9</sup> is isopropenyl, isobut enyl, or allyl.
12. (Cancelled)
13. (Currently Amended) The compound of claim 1 wherein alkynyl R<sup>9</sup> is propynyl.
14. (Cancelled)
15. (Currently Amended) The compound of claim 1 wherein R<sup>9</sup> cycloalkyl is cyclopropyl, cyclopentyl, or cyclohexyl.
16. (Currently Amended) The compound of claim 1 wherein R<sup>1</sup> or R<sup>5</sup> is nitro, C<sub>1</sub>-C<sub>6</sub>alkyl, trifluoromethyl, trifluoroethyl C<sub>1</sub>-C<sub>6</sub> haloalkyl, or halogen.

17. (Currently Amended) The compound of claim 1 wherein R<sup>2</sup> or R<sup>4</sup> is nitro, cyano, C<sub>1</sub>-C<sub>6</sub>-alkyl, trifluoromethyl, trifluoroethyl-C<sub>1</sub>-C<sub>6</sub>-haloalkyl, halogen, or hydroxy.
18. (Original) The compound of claim 1 wherein R<sup>3</sup> is cyano, nitro, or halogen.
19. (Currently Amended) The compound of claim 18 wherein one or more of R<sup>1</sup>, R<sup>2</sup>, R<sup>4</sup>, or R<sup>5</sup> is trifluoromethyl or trifluoroethyl-C<sub>1</sub>-C<sub>6</sub>-haloalkyl.
20. (Currently Amended) The compound of claim 19 wherein R<sup>2</sup> or R<sup>4</sup> is trifluoromethyl, or fluoroethyl-C<sub>1</sub>-C<sub>6</sub>-haloalkyl.
21. (Original) The compound of claim 18 wherein one or more of R<sup>1</sup>, R<sup>2</sup>, R<sup>4</sup>, or R<sup>5</sup> is halogen.
22. (Original) The compound of claim 21 wherein R<sup>2</sup> or R<sup>4</sup> is halogen.
23. (Original) The compound of claim 22 wherein halogen is chloro.
24. (Original) The compound of claim 18 wherein when R<sup>3</sup> is cyano, one or more of R<sup>1</sup>, R<sup>2</sup>, R<sup>4</sup>, or R<sup>5</sup> is nitro.
25. (Original) The compound of claim 18 wherein when R<sup>3</sup> is nitro, one or more of R<sup>1</sup>, R<sup>2</sup>, R<sup>4</sup>, or R<sup>5</sup> is cyano.
26. (Original) The compound of claim 18 wherein R<sup>3</sup> is cyano and one of R<sup>2</sup> or R<sup>4</sup> is cyano.
27. (Cancelled)
28. (Original) The compound of claim 27 wherein R<sup>a</sup> is methylene.
29. (Currently Amended) A compound selected from:  
4-[(Cyclopropylmethyl)(propyl)amino]-2-(trifluoromethyl)benzonitrile  
4-[(cyclopropylmethyl)(propyl)amino]-2-nitrobenzonitrile

4-(diallylamino)-2-(trifluoromethyl)benzonitrile  
5-[allyl(cyclopentyl)amino]-2-nitrobenzonitrile  
4-[butyl(propyl)amino]-2-nitrobenzonitrile  
4-[ethyl(2-methyl-2-propenyl)amino]-2-nitrobenzonitrile  
4-[butyl(ethyl)amino]-2-(trifluoromethyl)benzonitrile  
4-(dipropylamino)-2-(trifluoromethyl)benzonitrile  
N-butyl-N-ethyl-3-methyl-4-nitroaniline  
5-(diallylamino)-2-nitrobenzonitrile  
5-[(cyclopropylmethyl)(propyl)amino]-2-nitrobenzonitrile  
4-(diallylamino)-2-nitrobenzonitrile  
3-methyl-4-nitro-N,N-dipropylaniline  
4-[sec-butyl(propyl)amino]-2-nitrobenzonitrile  
5-[butyl(ethyl)amino]-2-nitrobenzonitrile  
2-chloro-4-[(cyclopropylmethyl)(propyl)amino]benzonitrile  
5-[butyl(propyl)amino]-2-nitrobenzonitrile  
5-[(2-methoxyethyl)(methyl)amino]-2-nitrobenzonitrile  
2-chloro-4-(diallylamino)benzonitrile  
4-[(2-methoxyethyl)(propyl)amino]-2-nitrobenzonitrile  
4-[allyl(cyclopentyl)amino]-2-nitrobenzonitrile  
4-[ethyl(2-methyl-2-propenyl)amino]-2-(trifluoromethyl)benzonitrile  
2-chloro-4-[[2-(dimethylamino)ethyl](methyl)amino]benzonitrile  
N-(2-methoxyethyl)-N,2-dimethyl-4-nitroaniline  
N-allyl-N-cyclopentyl-4-nitro-3-(trifluoromethyl)aniline  
5-(dipropylamino)-2-nitrophenol  
2-chloro-4-(dipropylamino)benzonitrile  
5-[ethyl(2-methyl-2-propenyl)amino]-2-nitrobenzonitrile  
N,N-diallyl-4-nitro-3-(trifluoromethyl)aniline  
N,N-diallyl-2-methyl-4-nitroaniline  
5-[(cyclopropylmethyl)(propyl)amino]-2-nitrophenol  
N-(2-methoxyethyl)-3-methyl-4-nitro-N-propylaniline  
4-[butyl(propyl)amino]-2-chlorobenzonitrile  
N-butyl-2-chloro-N-methyl-4-nitroaniline  
4-(dipropylamino)-2-nitrobenzonitrile  
2-chloro-4-[(2-methoxyethyl)(propyl)amino]benzonitrile

N,N-diallyl-3-methyl-4-nitroaniline  
N-(sec-butyl)-4-nitro-N-propyl-3-(trifluoromethyl)aniline  
4-(dipentylamino)-2-nitrobenzonitrile  
N-(cyclopropylmethyl)-3-methyl-4-nitro-N-propylaniline  
5-(dipropylamino)-2-nitrobenzonitrile  
N,N-dibutyl-4-nitro-3-(trifluoromethyl)aniline  
N1-(2-chloro-4-nitrophenyl)-N1,N2,N2-trimethyl-1,2-ethanediamine  
5-[sec-butyl(propyl)amino]-2-nitrobenzonitrile  
N-ethyl-N-(2-methyl-2-propenyl)-4-nitro-3-(trifluoromethyl)aniline  
N-(2-methoxyethyl)-4-nitro-N-propyl-3-(trifluoromethyl)aniline  
4-[butyl(ethyl)amino]-2-chlorobenzonitrile  
5-(dibutylamino)-2-nitrobenzonitrile  
4-[butyl(ethyl)amino]-2-nitrobenzonitrile  
4-[(2-methoxyethyl)(propyl)amino]-2-(trifluoromethyl)benzonitrile  
5-[(2-methoxyethyl)(propyl)amino]-2-nitrobenzonitrile  
4-[allyl(cyclopentyl)amino]-2-(trifluoromethyl)benzonitrile  
4-[butyl(propyl)amino]-2-(trifluoromethyl)benzonitrile  
N,N-dibutyl-3-methyl-4-nitroaniline  
4-[methyl(octyl)amino]-2-nitrobenzonitrile  
4-(dibutylamino)-2-(trifluoromethyl)benzonitrile  
N-(cyclopropylmethyl)-4-nitro-N-propyl-2-(trifluoromethyl)aniline  
N-allyl-N-cyclohexyl-4-nitro-3-(trifluoromethyl)aniline  
4-[(2-methoxyethyl)(methyl)amino]-3-(trifluoromethyl)benzonitrile  
4-(diallylamino)-3-nitrobenzonitrile  
N-1-(2-chloro-4-nitrophenyl)-N1,N3,N3-trimethyl-1,3-propanediamine  
N,N-bis(2-methoxyethyl)-4-nitro-3-(trifluoromethyl)aniline  
4-[sec-butyl(propyl)amino]-2-(trifluoromethyl)benzonitrile  
2-chloro-4-[ethyl(2-methyl-2-propenyl)amino]benzonitrile  
N-cyclohexyl-N-ethyl-4-nitro-3-(trifluoromethyl)aniline  
2-chloro-4-(dibutylamino)benzonitrile  
4-[cyclohexyl(ethyl)amino]-2-nitrobenzonitrile  
4-[bis(2-ethoxyethyl)amino]-3-chlorobenzonitrile  
2-chloro-N-(2-methoxyethyl)-N-methyl-4-nitroaniline  
N-butyl-N-ethyl-4-nitro-3-(trifluoromethyl)aniline

N-(sec-butyl)-3-methyl-4-nitro-N-propylaniline  
N-(2-methoxyethyl)-N-methyl-4-nitro-2-(trifluoromethyl)aniline  
4-[bis[3-(dimethylamino)propyl]amino]-2-(trifluoromethyl)benzonitrile  
N-(cyclopropylmethyl)-4-nitro-N-propyl-3-(trifluoromethyl)aniline  
4-[(methyl)(octyl)amino]-2-(trifluoromethyl)benzonitrile  
4-(propylamino)-2-(trifluoromethyl)benzonitrile  
4-nitro-N-propyl-3-(trifluoromethyl)aniline  
3-[[4-nitro-3-(trifluoromethyl)phenyl]amino]propan-1-ol  
4-[(3-hydroxypropyl)amino]-2-(trifluoromethyl)benzonitrile  
4-[[2-hydroxy-1-(hydroxymethyl)ethyl]amino]-2-(trifluoromethyl)benzonitrile  
4-(dimethylamino)-2-(trifluoromethyl)benzonitrile  
4-(diethylamino)-2-(trifluoromethyl)benzonitrile  
4-[methyl(2-methylpropyl)amino]-2-(trifluoromethyl)benzonitrile  
4-[(cyclopropylmethyl)amino]-2-(trifluoromethyl)benzonitrile  
4-[(cyclopropylmethyl)(3-hydroxypropyl)amino]-2-(trifluoromethyl)benzonitrile  
4-[(cyclopropylmethyl)(2-hydroxyethyl)amino]-2-(trifluoromethyl)benzonitrile  
N-(cyclopropylmethyl)-4-nitro-3-(trifluoromethyl)aniline  
3-[(cyclopropylmethyl)[4-nitro-3-(trifluoromethyl)phenyl]amino]-1-propanol  
2-[(cyclopropylmethyl)[4-nitro-3-(trifluoromethyl)phenyl]amino]ethanol  
4-[(cyclopropylmethyl)amino]-3-(trifluoromethyl)benzonitrile  
1-[4-[(cyclopropylmethyl)(propyl)amino]-2-(trifluoromethyl)phenyl]ethanone  
4-[(1-cyclopropylethyl)amino]-2-(trifluoromethyl)benzonitrile  
4-[(allyl(1-cyclopropylethyl)amino)-2-(trifluoromethyl)benzonitrile  
4-[(2,2-dimethylpropyl)amino]-2-(trifluoromethyl)benzonitrile  
4-[(2,2-dimethylpropyl)(3-hydroxypropyl)amino]-2-(trifluoromethyl)benzonitrile  
4-[(2,2-dimethylpropyl)(2-propen-1-yl)amino]-2-(trifluoromethyl)benzonitrile  
4-[(2,3-dihydroxypropyl)(2,2-dimethylpropyl)amino]-2-(trifluoromethyl)benzonitrile  
4-[(2,2-dimethylpropyl)(2-oxoethyl)amino]-2-(trifluoromethyl)benzonitrile  
4-[(2,2-dimethylpropyl)(2-hydroxyethyl)amino]-2-(trifluoromethyl)benzonitrile  
4-[(2,2-dimethylpropyl)(propyl)amino]-2-(trifluoromethyl)benzonitrile  
4-[(1,1-dimethylethyl)amino]-2-(trifluoromethyl)benzonitrile  
N-(1,1-dimethylethyl)-4-nitro-3-(trifluoromethyl)aniline  
N-(cyclopropylmethyl)-N-(1,1-dimethylethyl)-4-nitro-3-(trifluoromethyl)aniline  
4-[(1,1-dimethylethyl)(2-propen-1-yl)amino]-2-(trifluoromethyl)benzonitrile

4-[(1,1-dimethylethyl)(2-oxoethyl)amino]-2-(trifluoromethyl)benzonitrile  
4-[(1,1-dimethylethyl)(propyl)amino]-2-(trifluoromethyl)benzonitrile  
4-[(3-hydroxypropyl)([1S]-1-methylpropyl)amino]-2-(trifluoromethyl)benzonitrile  
2-(trifluoromethyl)-4-[(3,3,3-trifluoropropyl)amino]benzonitrile  
4-[bis(2-fluoroethyl)amino]-2-(trifluoromethyl)benzonitrile  
4-[(2,2,2-trifluoroethyl)amino]-2-(trifluoromethyl)benzonitrile  
4-nitro-N-(2,2,2-trifluoroethyl)-3-(trifluoromethyl)aniline  
4-[(3-hydroxypropyl)(2,2,2-trifluoroethyl)amino]-2-(trifluoromethyl)benzonitrile  
4-[(3-hydroxypropyl)(2,2,2-trifluoroethyl)amino]-3-(trifluoromethyl)benzonitrile  
4-bromo-N,N-bis(2,2,2-trifluoroethyl)-3-(trifluoromethyl)aniline  
4-[bis(2,2,2-trifluoroethyl)amino]-2-(trifluoromethyl)benzonitrile  
4-[(2,2-difluoroethyl)(2,2,2-trifluoroethyl)amino]-2-(trifluoromethyl)benzonitrile  
bis(2,2,2-trifluoroethyl)[2-(trifluoromethyl)-4-biphenyl]amine  
4-[(2-hydroxyethyl)(2,2,2-trifluoroethyl)amino]-2-(trifluoromethyl)benzonitrile  
4-[[2-(methoxyethyl)(2,2,2-trifluoroethyl)amino]-2-(trifluoromethyl)benzonitrile  
4-[[2-(ethoxyethyl)(2,2,2-trifluoroethyl)amino]-2-(trifluoromethyl)benzonitrile  
4-((2,2,2-trifluoroethyl)(2-((2,2,2-trifluoroethyl)oxyethyl)amino)-2-(trifluoromethyl)benzonitrile  
4-[methyl(2,2,2-trifluoroethyl)amino]-2-(trifluoromethyl)benzonitrile  
4-[ethyl(2,2,2-trifluoroethyl)amino]-2-(trifluoromethyl)benzonitrile  
4-[propyl(2,2,2-trifluoroethyl)amino]-2-(trifluoromethyl)benzonitrile  
4-[butyl(2,2,2-trifluoroethyl)amino]-2-(trifluoromethyl)benzonitrile  
4-[(2-methylprop-2-enyl)(2,2,2-trifluoroethyl)amino]-2-(trifluoromethyl)benzonitrile  
4-[isobutyl(2,2,2-trifluoroethyl)amino]-2-(trifluoromethyl)benzonitrile  
4-[(3-methylbut-2-enyl)(2,2,2-trifluoroethyl)amino]-2-(trifluoromethyl)benzonitrile  
4-[isopentyl(2,2,2-trifluoroethyl)amino]-2-(trifluoromethyl)benzonitrile  
4-[prop-2-ynyl(2,2,2-trifluoroethyl)amino]-2-(trifluoromethyl)benzonitrile  
4-[(2-fluoroethyl)(2,2,2-trifluoroethyl)amino]-2-(trifluoromethyl)benzonitrile  
4-[[2-(methylthio)ethyl](2,2,2-trifluoroethyl)amino]-2-(trifluoromethyl)benzonitrile  
4-[(2-azidoethyl)(2,2,2-trifluoroethyl)amino]-2-(trifluoromethyl)benzonitrile  
N-{2-[[4-cyano-3-(trifluoromethyl)phenyl](2,2,2-trifluoroethyl)amino]ethyl} acetamide  
methyl 2-[[4-cyano-3-(trifluoromethyl)phenyl](2,2,2-trifluoroethyl)amino]ethyl carbamate  
tert-butyl 2-[[4-cyano-3-(trifluoromethyl)phenyl](2,2,2-trifluoroethyl)amino]ethyl carbamate  
N-{2-[[4-cyano-3-(trifluoromethyl)phenyl](2,2,2-trifluoroethyl)amino]ethyl}  
methanesulfonamide; and

4-(dipropylamino)phthalonitrile;

and salts thereof.

30 – 32. (Cancelled)

33. (Currently Amended) A The compound selected from the group consisting of claim 30 wherein the compound is:

N,N-diallyl-4-nitroaniline

N-(cyclopropylmethyl)-4-nitro-N-propylaniline

4-(dipropylamino)benzonitrile; or

4-nitro-N,N-dipropylaniline;

and salts thereof.

34. (Cancelled)

35. (Previously Presented) A pharmaceutical composition comprising a compound according to claim 1, and a pharmaceutically acceptable carrier.

36 – 41. (Cancelled)

42. (Withdrawn) A method for the treatment or prophylaxis of osteoporosis, muscle wasting, frailty, cardiovascular disease, breast cancer, uterine cancer, prostatic hyperplasia, prostate cancer, dyslipidemia, menopausal vasomotor conditions, urinary incontinence, arteriosclerosis, libido enhancement, depression, uterine fibroid disease, aortic smooth muscle cell proliferation, endometriosis, or ADAM comprising the administration of a compound according to claim 1.

43. (Previously Presented) A pharmaceutical composition comprising a compound according to claim 29, and a pharmaceutically acceptable carrier.

44. (Currently Amended) A pharmaceutical composition comprising a compound according to claim 339, and a pharmaceutically acceptable carrier.

45. (Withdrawn) A method for the treatment or prophylaxis of osteoporosis, muscle wasting, frailty, cardiovascular disease, breast cancer, uterine cancer, prostatic hyperplasia, prostate cancer, dyslipidemia, menopausal vasomotor conditions, urinary incontinence, atherosclerosis, libido enhancement, depression, uterine fibroid disease, aortic smooth muscle cell proliferation, endometriosis, or ADAM comprising the administration of a compound according to claim 29.

46. (Withdrawn) A method for the treatment or prophylaxis of osteoporosis, muscle wasting, frailty, cardiovascular disease, breast cancer, uterine cancer, prostatic hyperplasia, prostate cancer, dyslipidemia, menopausal vasomotor conditions, urinary incontinence, atherosclerosis, libido enhancement, depression, uterine fibroid disease, aortic smooth muscle cell proliferation, endometriosis, or ADAM comprising the administration of a compound according to claim 30.